



AMETEK

Product Bulletin

Floorcare & Specialty Motors

Model: **122288-00/99**

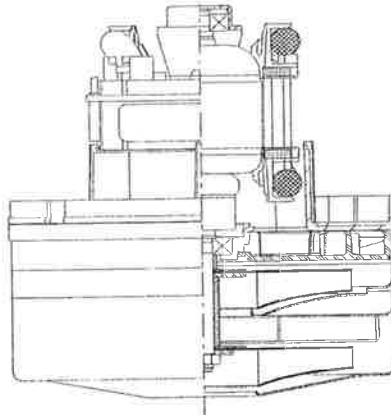
Advantek III - Ultra

DESCRIPTION

- Two stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Stamped steel top end bracket
- Thermostat equipped

DESIGN APPLICATION

- Equipment operating in environments not requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



SPECIAL FEATURES

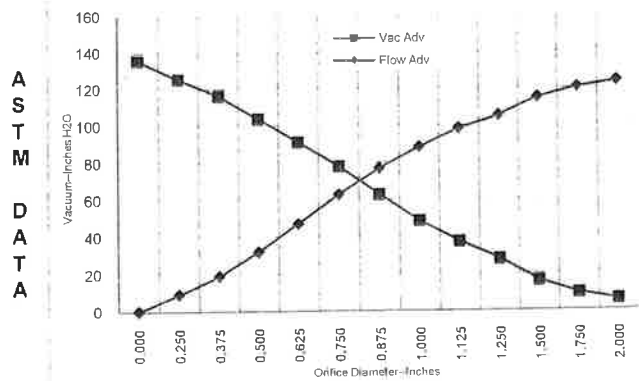
- Suitable for 120 volt AC operation, 60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Skeleton-frame construction
- High efficiency fan system
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

PRELIMINARY BULLETIN

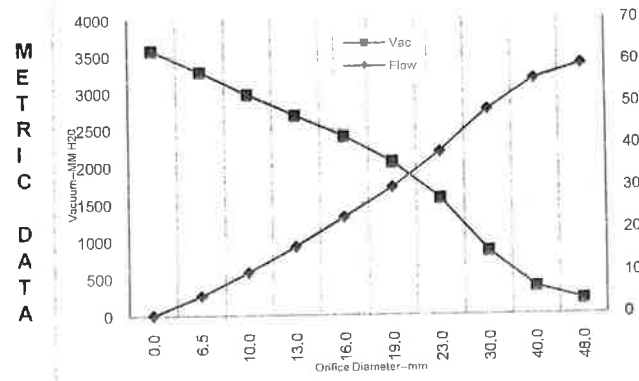
PEAK AIRWATTS
600
Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	13.8	1670	24605	6.0	127.1	90
1.750	13.7	1656	24590	9.6	122.7	139
1.500	13.6	1643	24595	16.2	115.7	221
1.250	13.4	1613	24600	28.5	106.6	357
1.125	13.3	1613	24621	37.6	98.9	438
1.000	13.2	1597	24872	50.2	89.9	531
0.875	13.0	1571	25124	65.3	78.4	601
0.750	12.4	1505	25725	80.6	63.6	603
0.625	11.6	1413	26741	95.0	48.0	535
0.500	10.5	1270	27825	106.9	32.5	407
0.375	9.3	1133	29453	119.0	19.2	269
0.250	8.5	1038	31219	129.9	9.2	141
0.000	7.8	965	32759	140.9	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	13.7	1664	24599	192	59.1	111
40.0	13.6	1647	24594	362	55.6	196
30.0	13.3	1613	24612	851	48.3	401
23.0	13.0	1578	25061	1562	38.3	583
19.0	12.4	1504	25745	2054	30.0	602
16.0	11.6	1417	26701	2399	22.9	538
13.0	10.6	1285	27717	2686	16.0	420
10.0	9.5	1153	29208	2976	10.0	289
6.5	8.5	1042	31131	3286	4.6	147
0.0	7.8	965	32759	3579	0.0	0

Note: Metric Performance data is calculated from the ASTM data above.

* Data represents performance of a typical motor sampled from a large production quality. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	120 volts	Minimum Sealed Vacuum:	120.0	ORIFICE:	7/8 "	Minimum Vacuum:	55.0	Maximum Watts:	1700
--------------------	-----------	------------------------	-------	----------	-------	-----------------	------	----------------	------